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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Field of the Invention] This invention relates to the accessory for simple input units used for the simple input unit (it is called a mouse for short below) operated mainly by one hand, such as a DOS/V mold personal computer or the Macintosh (trademark) mold personal computer.

[0002]

[Description of the Prior Art] It connects with the body of a personal computer by the cable, and by making migration actuation carry out in the direction of arbitration on the mouse pad prepared if needed, the mouse used in personal computers, such as the former, for example, a DOS/V mold, or the Macintosh mold, moves mark pointers, such as cursor displayed on the image of the body of a personal computer, and carries out directions control.

[0003]

[Problem(s) to be Solved by the Invention] However, a certain decorative device in which interest and fun are made to hold to a user was not made, either, without the user's having only moved the mouse in the direction of arbitration on the mouse pad, as mentioned above, and change arising according to the motion under the migration actuation to the mouse itself.

[0004] Then, this invention was created in view of many situations which consisted conventionally like the above statement, and aims at offering the accessory for simple input units by which wearing use is carried out to the mouse cable or mouse it was made to make hold interest and fun during actuation of migration of a mouse, a click, etc. to a computer user.

[0005]

[Means for Solving the Problem] If it is in this invention in order to attain the purpose mentioned above, it shall consider as the thing which was coordinated with the attachment object 2 attached in the simple input device for personal computers (mouse M), or its cable K removable, and this attachment object 2 and which decorates and consists of the body 8, and decoration object 8 the very thing shall be based on the doll of the character style, for example, an animal, a vehicle or accessories with a clock, lighting art molding, the other molding objects for an ornament, etc. Moreover, a screw stop type [as opposed to Mouse M or its cable K in the attachment object 2] (3, 4, 5, 6), Either attachment means of a fastening type (61 62) and an adhesion type (72 83) can be established. By furthermore, the thing equipped with the height adjustment means which has carried out whether it is based on one or more combination of two or more height adjustment members (11A, 11B--) from which it moves up and down by screw association (3A, 4A, 5A), or thickness differs the height location to the migration side of Mouse M can be adjusted -- it can be made like. The decoration object 8 minds the stanchion objects 7, such as a coil spring or a tubed elastic body, to the attachment object 2 again. And removable or can consider as the configuration attached in one, and the aroma object 9 made from a moisture absorption wire rod with which humidity of the aromatic is carried out is inserted into the cylinder of the stanchion object 7, or Or the decoration objects 8 shall be accessories, such as a broach which can consider as the configuration made into the thing made from the earthenware of the biscuit in the air with which an aromatic is held,

and has pinning device 8B in decoration object 8 the very thing. Moreover, the attachment object 2 which comes to have the attachment means attached in the cable K of the simple input device for personal computers (M) removable by making a closing inclination from-cartridge-energize mostly the piece 61 of closing motion of the pair supported free [rocking] mutually with the return spring 62 of an inverted-U character form, for example, flexible **** which carried out set-up cooperation in the up side of the return spring 62 of this attachment object 2 -- it can consider as the thing which was attached in the stanchion object 7 and this stanchion object 7 of the shape of a coil spring made like free [attachment and detachment] and which decorates and consists of the body 8.

[0006] In the accessory for simple input units concerning this invention constituted as mentioned above, the attachment object 2 attached in the simple input unit for personal computers (mouse M) or its cable K removable carries out standing-up maintenance of the decoration object 8 by the molding object for an ornament etc. in the condition of having been stabilized, to Cable K etc. The installation is made to be attached in various kinds of mice M generally used from the former by being based on a screw stop type (3, 4, 5, 6), a fastening type (61 62), and an adhesion type (72 83), or the cable K of those free, and special processing to these cables K and processing are made unnecessary. The height adjustment means by the combination of screw association (3A, 4A, 5A) and two or more height adjustment members (11A, 11B--) It is made to move without jolting attachment object 2 the very thing which moves in respect of migration with Mouse M on a migration side, and the decoration object 8 currently supported without minding through the stanchion object 7 with migration of this attachment object 2 is also made movable in the condition of having been stabilized. Decorate the attachment means of the fastening type by the piece 61 of closing motion of the pair energized by the closing inclination like a from cartridge only with making Cable K put, and it makes the body 8 support firmly, and makes the attachment-and-detachment actuation easy. The attachment means of an adhesion type (72 83) makes Mouse M carry out attachment immobilization of the attachment object 2 directly, and makes migration of Mouse M follow in its footsteps smoothly. On the other hand, the decoration object 8 is attached in the attachment object 2 through the stanchion objects 7, such as a coil spring or a tubed elastic body, is decorated along with migration actuation of Mouse M, and carries out both-way rocking of the body 8. The aroma object 9 made from a moisture absorption wire rod with which humidity of the aromatic inserted into the cylinder of the stanchion object 7 is carried out, or the decoration object 8 made from the earthenware of the biscuit in the air with which an aromatic is held sets a sweet scent adrift around with migration actuation of Mouse M. Moreover, the decoration object 8 which shall be accessories, such as a broach which has pinning device 8B, is removed from the stanchion object 7, for example, is attached in clothing, a necktie, *****, etc. through pinning device 8B.

[0007] [Embodiment of the Invention] The sign 1 hereafter shown in drawing for explaining the gestalt of operation of this invention with reference to a drawing They are bodies of an accessory, such as a product made from plastics used for the mouse M which is mainly the simple input device for personal computers of a DOS/V mold, or metal. This body 1 of an accessory consists of the attachment object 2 constituted so that it might be attached removable to the cable K connected to Mouse M or Mouse M, and the decoration object 8 coordinated with this attachment object 2 free [attachment and detachment].

[0008] And on the attachment object 2 [whether it is based on Mouse M or the screw stop type (3, 4, 5, 6) to the cable K so that it may mention later, and] it is based on a fastening type (61 62), or is based on an adhesion type (72 83) -- one of those attachment means -- preparing -- **** -- ones of these attachment means -- Mouse M -- or the cable K is decorated through the attachment object 2, and it is made to be supported in the body 8 Furthermore, the attachment object 2 is equipped with the height adjustment means which was made to carry out an adjustment setup of the height location of attachment object 2 the very thing on the mouse pad P which is the migration side of Mouse M about this attachment object 2 very thing. This height adjustment means for example, [whether it moves up and down by screw association (3A, 4A, 5A), and] It has considered as the thing to depend on one or more combination of two or more height adjustment members (11A, 11B--) from which thickness differs and

to graze, and attachment object 2 base contacts exactly to the Pth page of a mouse pad, and it has been made to be carried out in the migration smoothly.

[0009] The attachment object 2 of the body 1 of an accessory in the gestalt of the 1st operation shown in drawing 1 thru/or drawing 3 Cable K is made to hold -- as -- the bottom -- shaft orientations -- meeting - - a cable K cross-section outer diameter and abbreviation -- with the insertion section 3 of the shape of a cylinder of having formed the rate slot 4 of the same width of face The cable holddown member 6 of the shape of a nut for carrying out pinching immobilization of the cable K which formed male screw section 5A in the rate slot 4 side periphery of this insertion section 3, thrust into this male screw section 5A, broke, and was made to hold into a slot 4, Trepanation formation of the female screw section 4A is carried out in the rate slot 4 center of the insertion section 3, and it constitutes from the plinth section 5 whose accommodation of the height of a cable K maintenance part was enabled by thrusting into the depth of arbitration male screw section 5A formed in the center of a disk to this female screw section 4A.

[0010] Moreover, prepare projection 3B for attachment in the insertion section 3 top-face side of the attachment object 2, and end opening of the stanchion object 7 of the shape of a long picture coil spring is attached in this projection 3B for attachment. The cylinder-like attachment object material 10 which prepared projection 10A for attachment in the top face is attached in other end opening of this stanchion object 7. Further to projection 10for attachment A of the attachment object material 10 By attaching so that it may become removable through fit-in hole 8A in which the decoration object 8 of a beckoning cat gestalt was formed on this inferior surface of tongue, the rockable decoration object 8 is set up to the attachment object 2 which moves with Cable K as an animal of the character style.

[0011] In addition, the insertion section 3 of the shape of a cylinder which divided into the bottom in accordance with shaft orientations, and formed the slot 4 so that the attachment object 2 might make Cable K hold, Male screw section 5A may be formed in the center for being thrust into female screw section 4A formed in the rate slot 4 center of this insertion section 3, and carrying out pinching immobilization of the cable K, and you may constitute from two members with the plinth section 5 of the shape of a disk the thing of various thickness was made to prepare for for height adjustment.

[0012] It is also possible for this decoration object 8 not to be limited to the animal of the character style, for example, to twist the doll of the character style, a vehicle or accessories with a clock, a lighting art molding article, accessories with a music box, accessories with small radio, etc. in other ornament molding objects. These decoration object 8 can also be used as accessories, such as a broach which is removing from the stanchion object 7, for example, has pinning device 8B for attaching in clothing, a necktie, *****, etc., as shown in drawing 9 R> 9 and drawing 14 . Or it may decorate with the stanchion object 7 and, of course, the body 8 may really be constituted with shaping. Moreover, as the decoration object 8 is shown in drawing 4 , to said attachment object 2, through the stanchion object 7 of tubed elastic bodies, such as a rubber pipe, it may be attached in one, or as shown in drawing 5, the decoration object 8 excludes the stanchion object 7, and may be directly attached in one removable removable at the attachment object 2.

[0013] Moreover, as shown in drawing 2 , into the cylinder of the stanchion object 7, the aroma object 9 made from a moisture absorption wire rod with which humidity of the various aromatics, such as what has a stimulus in a brain so that night may not be made to produce sleepiness during computer use, and a thing which has invigoration usually, is carried out is inserted. Furthermore, decoration object 8 the very thing may be constituted as a thing made from the earthenware of the biscuit in the air with which an aromatic is held.

[0014] Next, the pinching immobilization of the cable K which broke by thrusting the nut-like cable holddown member 6 for explaining an example of the assembly of the gestalt of this operation at male screw section 5A of the rate slot 4 side periphery of the insertion section 3 after inserting near the connection place of the cable K connected to Mouse M for example, into the rate slot 4 of the insertion section 3 which constitutes the body 1 of an accessory as shown in drawing 3 , and made hold into a slot 4 carries out. Subsequently, male screw section 5A formed in the center of a disk of the plinth section 5 at female screw section 4A of rate slot 4 center of the insertion section 3 is thrust into the depth of

arbitration. At this time, it twists and adjusts so that the height from the mouse M inferior surface of tongue in the condition of having made the plinth section 5 laying on a mouse pad P to the cable K connection place of Mouse M, and the cable K maintenance height of the attachment object 2 may carry out abbreviation coincidence. By carrying out like this, as shown in drawing 1 , when Mouse M is moved in each direction on a mouse pad P, the body 1 of an accessory is also decorated along with this, both-way rocking of the body 8 is carried out, and it moves in the **** mouse pad P top. At this time, the sweet scent is set adrift in the neighborhood with the aroma object 9 by which interpolation is carried out to the stanchion object 7 interior. Furthermore, what is necessary is to remove from the stanchion object 7 and just to use through pinning device 8B as accessories, such as a broach which is attached in clothing, *****, etc., or a tiepin attached in a necktie, by attaching pinning device 8B to the tooth-back side of the decoration object 8, as shown in drawing 9 and drawing 14 . Moreover, what is necessary is just to pull out Cable K from the inside of the rate slot 4 of the insertion section 3, after removing the plinth section 5 from the insertion section 3 and removing the cable holddown member 6 further first, in removing the body 1 of an accessory from Cable K.

[0015] About the same component as drawing 1 thru/or drawing 5 which each gestalt of other operations is shown in drawing 6 thru/or drawing 16 , and showed the gestalt of the 1st operation in the gestalt of these operations, the detailed explanation is omitted by the same sign being attached. The attachment object 2 in the gestalt of the 1st operation shown in drawing 6 if it is in the gestalt of the 2nd operation The cable holddown member 6 of the shape of a ring for making the periphery of the insertion section 3 in which the rate slot 4 which makes Cable K insert and hold was formed carry out press fit fit-in, and carrying out pinching immobilization of the cable K, It is in having constituted from the plinth section 5 of the shape of a disk which formed male screw section 5A so that it might be thrust into female screw section 4A formed in rate slot 4 wall of the insertion section 3 by the depth of arbitration. In addition, a fitting projected part is formed in the center of said plinth section 5, and you may make it adjust height by making the depth of arbitration press this fit in the rate slot 4 of the insertion section 3.

[0016] The insertion section 3 which formed the rate slot 4 which Cable K is inserted [slot] and makes the attachment object 2 in the gestalt of the 1st operation hold if the gestalt of the 3rd operation is shown in drawing 7 and it was in the gestalt of this 3rd operation, It is in having been pressed fit in the rate slot 4 of this insertion section 3, and having constituted by the plinth section 5 of the shape of a disk which formed fitting projected part 5B in the center so that pinching immobilization of the cable K might be carried out. Moreover, it enables it to have used them for height adjustment, this plinth section's 5 making the thing of various thickness have prepared, and combining and choosing them.

[0017] If the gestalt of the 4th operation is shown in drawing 8 and it is in the gestalt of this 4th operation, the attachment object 2 in the gestalt of the 1st operation It sees from the side face in which form male screw section 5A in the periphery of the insertion section 3 in which the rate slot 4 which makes Cable K insert and hold was formed, it is thrust into this male screw section 5A, and pinching immobilization of the cable K is carried out. The cable holddown member 6 of the shape of a nut of a rough convex mold, It shall have consisted of tabular height adjustment member 11A which prepared that from which one or more thickness stuck on the bottom surface part of this cable holddown member 6 differs variously, and 11B--.

[0018] The gestalt of the 5th operation is shown in drawing 9 , and if it is in the gestalt of this 5th operation, it constitutes so that the attachment object 2 in the gestalt of the 1st operation can be used for simple input units for personal computers (M), such as the Macintosh mold of different structure from the personal computer of a DOS/V mold. Namely, since the joint J like the product made of rubber is attached to the front face of Mouse M and the mouse M which is a connection place with Cable K through few clearances S in this type of personal computer, the two forks which have fitting projected part 31A for seeing the attachment object 2 from a side face, presenting inverted-L-shaped, and making the stanchion object 7 attach in a top face and which were opened wide caudad -- by constituting by piece of pawl-like insertion ***** 31 It enables it to have inserted this insertion ***** 31 in few clearances S between Joint J and Mice M which are the front face of Mouse M compulsorily.

[0019] If the gestalt of the 6th operation is shown in drawing 10 and it is in the gestalt of this 6th

operation, the attachment object 2 in the gestalt of the 1st operation It constitutes from a pedestal 42 and a lid 43 so that closing motion may become possible through a hinge region 41. The chamfer 44 of the shape of a semicircle used as the diameter which carries out abbreviation coincidence with a cable K outer diameter, and 45 each are formed in each junction opposed face by which a pedestal 42 and a lid 43 are blockaded. Since the pedestal 42 is made to lid a lid 43 as Cable K is made to pinch in this chamfer 44 and 45, it is made to engage with hung section 49B which formed in the open side edge section of a lid 43 hanging section 49A of the shape of a hook formed in the open side edge section of a pedestal 42, and is made to have fixed. It is fixed so that the plinth section 5 may become removable to a pedestal 42 at a screw stop type and a press fit type at this time, and a lid 43 is decorated and the body 8 is arranged through the stanchion object 7.

[0020] If the gestalt of the 7th operation is shown in drawing 11 and it is in the gestalt of this 7th operation, the attachment object 2 in the gestalt of the 1st operation A division configuration is carried out from a pedestal 42 and a lid 43 so that it may become removable by being joined mutually. The chamfer 44 of the shape of a semicircle used as the diameter which carries out abbreviation coincidence with a cable K outer diameter, and 45 each are formed in each junction opposed face by which the junction lock out of a pedestal 42 and the lid 43 is carried out. Since the pedestal 42 is made to lid a lid 43 as Cable K is made to pinch in this chamfer 44 and 45, it is made to have fixed by screwing in the screw 48 which the through-hole 47 of a lid 43 is made to have inserted in the screw hole 46 of a pedestal 42. At this time, the female screw section 50 is formed in the pedestal 42 bottom, it is fixed so that the plinth section 5 may become removable to a pedestal 42 by making male screw section 5A of the plinth section 5 thrust, and a lid 43 is decorated and the body 8 is arranged through the stanchion object 7. In addition, it is natural that the plinth section 5 may be made to fix by the press fit type to a pedestal 42.

[0021] If the gestalt of the 8th operation is shown in drawing 12 and it is in the gestalt of this 8th operation, while forming in the shape of [the attachment object 2 in the gestalt of the 1st operation was regarded as surrounding Cable K from the transverse plane, and the open section was prepared in the flank] square shape winding Cable K is firmly fastened by thrusting into the flank of another side the lock out screw 55 which ****(ed) both flanks on either side from one flank, it decorates through the stanchion object 7 set up in the upper part, and the body 8 is supported.

[0022] If the gestalt of the 9th operation is shown in drawing 13 and drawing 14 and it is in the gestalt of this 9th operation, the attachment object 2 in the gestalt of the 1st operation It sees from the transverse plane each other supported free [rocking] by the supporting point 60 by irregularity which inserts each other in and has structure. By ****-like right and left the piece 61 of closing motion of a pair It shall come to have the attachment means attached in the cable K of Mouse M removable by making a closing inclination from-cartridge-energize with the return spring 62 of an inverted-U character form mostly. The stanchion object 7 which carried out set-up cooperation through fitting projected part 31A prepared in the up side of the return spring 62 of this attachment object 2 is decorated, and the body 8 is attached free [attachment and detachment]. Like illustration, it sees from a side face and the upper part is formed in tubed, the piece 61 of closing motion has geared to the piece 61 of closing motion so that the tip of the return spring 62 may not break away in the lower part, and without letting Cable K slide, the mutual opposed face of the piece of closing motion 61 lower parts serves as the concavo-convex wave side-like skid section 63 so that it may support certainly. By being able to attach easily [Cable K] by carrying out like this by the disconnection which resisted the resiliency by the return spring 62 to the piece 61 of closing motion, and its discharge, and selecting suitably the support location to the cable K by the skid section 63, a piece of closing motion 61 lower-limit side can be contacted on the migration side of Mouse M, and if the attachment object 2 is attracted, the decoration object 8 can move in the condition were stabilized.

[0023] The gestalt of the 10th operation is shown in drawing 15 , if it is in the gestalt of this 10th operation, while forming the attachment object 2 in the gestalt of the 1st operation in the shape of a strip, the set-up cooperation of the stanchion object 7 is carried out at an end, and the adhesives layer 72 covered with the release paper 71 grade shall be formed in the other end, and it shall grow into it. By

pasting up a release paper 71 on the base of for example, the mouse M by carrying out like this by the adhesives layer 72 exposed by exfoliating, it decorates through the strip-like attachment object 2, and the body 8 can be supported. in addition, the end section which is setting up the stanchion object 7 is seen from a flat surface, and is mostly formed in a circle configuration -- **** -- of course, it is not limited to this

[0024] If the gestalt of the 11th operation is shown in drawing 16 and it is in the gestalt of this 11th operation, the attachment object 2 in the gestalt of the 1st operation While forming in the shape of a strip, the set-up cooperation of the stanchion object 7 is carried out at an end, to the other end, it sees from a transverse plane, and the pieces 81 of attachment of T typeface are formed successively, and the adhesives layer 83 covered with these piece of attachment 81 side faces by the release paper 82 grade shall be formed, and it shall change. By pasting up a release paper 82 on the side face of for example, the mouse M by carrying out like this by the adhesives layer 83 exposed by exfoliating, it decorates through the strip-like attachment object 2, and the body 8 can be supported.

[0025]

[Effect of the Invention] By [which coordinated with the attachment object 2 attached in the mouse M which is a simple input device for personal computers, or its cable K removable, and this attachment object 2 like the above according to this invention] having decorated and having had the body 8 The decoration object 8 can move a mouse pad P top to Mouse M and one through the attachment object 2 fixed to Cable K, and can make interest and fun hold during actuation of Mouse M to a computer user.

[0026] moreover, the attachment object 2 shall be based on Mouse M or the screw stop type (3, 4, 5, 6) to the cable K, or Since one of the attachment means which shall depend on a fastening type (61 62), or shall be depended on an adhesion type (72 83) is established, it can attach easily to Cable K etc. and the decoration object 8 can be made to follow in footsteps smoothly with migration of Mouse M.

[0027] Furthermore, the attachment object 2 [whether it moves up and down by screw association (3A, 4A, 5A), and] Since it has the height adjustment means which has carried out whether it is based on one or more combination of two or more height adjustment members (11A, 11B--) from which thickness differs The attachment object 2 can be held with sufficient stability in the state of contact on the mouse pad P top face, for example, and it can support in the condition which Mouse M moves of having been stabilized without making the decoration object 8 doing a handstand.

[0028] The insertion section 3 which has the rate slot 4 which the attachment object 2 inserts Cable K and is made to hold, The nut-like cable holddown member 6 which it is thrust [holddown member] into male screw section 5A formed in the periphery of this insertion section 3, and carries out pinching immobilization of the cable K, Since it shall consist of the plinth section 5 in which male screw section 5A thrust into female screw section 4A formed in the rate slot 4 by the depth of arbitration was formed It can carry out easily because can carry out pinching immobilization of the cable K firmly between the rate slot 4 and the cable holddown member 6 which can be thrust and removal of Cable K moreover also carries out twisting pulling out of the cable holddown member 6. Moreover, height can be finely tuned easily only by making the plinth section 5 twist in various ways.

[0029] Or since the attachment object 2 has the plinth section 5 in which male screw section 5A which it is thrust [A] into the insertion section 3 which has the rate slot 4 which makes Cable K insert and hold, and female screw section 4A formed in rate slot 4 wall, and carries out pinching immobilization of the cable K was formed Cable K can be made to hold to stability firmly between the rate slot 4 and male screw section 5A of the plinth section 5, and it can carry out easily because removal of Cable K moreover also carries out twisting of the plinth section 5.

[0030] On the other hand, since the decoration object 8 should be attached in one removable through the stanchion objects 7, such as a coil spring or a tubed elastic body, to said attachment object 2, it can carry out both-way rocking of the decoration object 8 all around with migration actuation of Mouse M, and can make interest and fun fully hold during migration actuation of Mouse M to a computer user.

[0031] Furthermore, various kinds of stress accompanying a computer activity can be made to cancel by setting a sweet scent adrift, lengthening a comfortable ambient atmosphere and making the neighborhood come out with migration actuation of Mouse M in the cylinder of the stanchion object 7,

since interpolation of the aroma object 9 made from a moisture absorption wire rod with which humidity of the aromatic is carried out is carried out and it considers as the thing made from the earthenware of the biscuit in the air with which an aromatic is held for the decoration object 8.

[0032] Moreover, since the removable decoration objects 8 shall be accessories, such as a broach which has pinning device 8B By only removing the decoration object 8 from the stanchion object 7, for example, clothing, a necktie, It can attach in ***** etc. through pinning device 8B easily. For example, it can be made to apply as an accessory of various gestalten, such as removed and attaching before and behind that, considering as the accessory in the commutation way, attaching in the mouse M at the time of an activity, and using it as an always familiar thing, except the time of a computer activity.

[0033] The cable holddown member 6 which it is fitted [holddown member] in the periphery of the insertion section 3 which has the rate slot 4 which the attachment object 2 inserts Cable K and is made to hold in the gestalt of the 2nd operation, and carries out pinching immobilization of the cable K, Since it shall have the plinth section 5 in which male screw section 5A thrust into female screw section 4A formed in the rate slot 4 of the insertion section 3 by the depth of arbitration was formed Pinching immobilization of the cable K can be firmly carried out between the rate slot 4 and the cable holddown member 6 pressed fit, and it can carry out easily because removal of Cable K moreover also makes the cable holddown member 6 pull out. Moreover, height can be finely tuned easily only by making the plinth section 5 twist in various ways.

[0034] Since the attachment object 2 shall consist of the insertion section 3 which has the rate slot 4 which makes Cable K insert and hold, and the plinth section 5 in which fitting projected part 5B which it is pressed [B] fit in the rate slot 4 and carries out pinching immobilization of the cable K was formed, in the gestalt of the 3rd operation Between the rate slot 4 and fitting projected part 5B of the plinth section 5, it is stabilized firmly, Cable K can be held, and it can carry out easily only by moreover removal of Cable K drawing out the plinth section 5.

[0035] The insertion section 3 which has the rate slot 4 which the attachment object 2 inserts Cable K and is made to hold in the gestalt of the 3rd operation, Since it shall consist of the cable holddown member 6 which it is pressed [holddown member] fit in the periphery of this insertion section 3, and carries out pinching immobilization of the cable K, and the plinth section 5 pressed fit in the depth of arbitration in the rate slot 4 of the insertion section 3 Pinching immobilization of the cable K can be firmly carried out between the rate slot 4 and the cable holddown member 6 pressed fit, and it can carry out easily because removal of Cable K moreover also makes the cable holddown member 6 pull out. Moreover, height can be easily adjusted only by only pushing in the plinth section 5, thru/or pulling out.

[0036] The insertion section 3 which has the rate slot 4 which the attachment object 2 inserts Cable K and is made to hold in the gestalt of the 4th operation, The cable holddown member 6 which it is thrust [holddown member] into male screw section 5A formed in the periphery of this insertion section 3, and carries out pinching immobilization of the cable K, Since it shall consist of one or more tabular height adjustment member 11A stuck on the bottom surface part of this cable holddown member 6, and 11B-- It can carry out easily because can carry out pinching immobilization of the cable K firmly between the rate slot 4 and the cable holddown member 6 which can be thrust and removal of Cable K moreover also carries out twisting pulling out of the cable holddown member 6. Moreover, various things from which thickness differs height adjustment member 11A and 11B-- are prepared, and height can be finely tuned easily only by making it stick on the base of the cable holddown member 6, combining these suitably.

[0037] the two forks wide opened caudad so that the attachment object 2 might insert Cable K and maintenance immobilization might be carried out in the gestalt of the 5th operation, since it shall be based on piece of pawl-like insertion ***** 31 While it is applicable to Mouse M and the mouse M for the personal computers of the Macintosh mold which has the joint J like the product made of rubber in a connection place with Cable K without any evil It can also carry out by one-touch that it is that the attachment-and-detachment actuation to Cable K takes out and inserts insertion ***** 31.

[0038] In the gestalt of the 6th and the 7th operation the attachment object 2 It considers as hanging immobilization in the state of lidding which it could open and close [lidding] through the hinge region 41, and made Cable K pinch. Moreover, it consists of the pedestal 42 and lid 43 which were made into

screw fixation in the state of lidding which it is joined [lidding] mutually and made Cable K pinch. Since it has the plinth section 5 fixed to a pedestal 42 so that it may become removable by the press fit type or the screw type, the lid 43 was decorated through the stanchion object 7 and the body 8 was arranged Body of accessory 1 the very thing can be made strong, and the migration actuation by which the attachment object 2 was stabilized more can be obtained with migration actuation of Mouse M.

[0039] While forming in the shape of [it concluded from the transverse plane that the attachment object 2 surrounded Cable K in the gestalt of the 8th operation, and the open section was prepared in the flank] square shape winding Since Cable K was fastened by thrusting into the flank of another side the lock out screw 55 which ****(ed) both flanks on either side from one flank It can attach in Cable K firmly by screwing in the lock out screw 55, as Cable K is surrounded, and it is stabilized, and decorates with the base of attachment object 2 the very thing contacting a migration side, and the body 8 can be supported.

[0040] In the gestalt of the 9th operation, the attachment object 2 is seen from the transverse plane each other supported free [rocking] by the supporting point 60 by irregularity which inserts each other in and has structure. By ****-like right and left the piece 61 of closing motion of a pair Since it shall come to have the attachment means attached in the cable K of Mouse M removable by making a closing inclination from-cartridge-energize with the return spring 62 of an inverted-U character form mostly It can attach free [attachment and detachment] very easily [Cable K / in one-touch] by the disconnection to the piece 61 of closing motion which resisted the resiliency of the return spring 62, and its discharge.

[0041] The 10th and the attachment object 2 in the gestalt of the 11th operation are formed in the shape of a strip, and since Mouse M is pasted by the adhesives layers 72 and 83 exposed by exfoliation of the release papers 71 and 82, fixed maintenance of them can be easily carried out according to the adhesion operation.

[Translation done.]

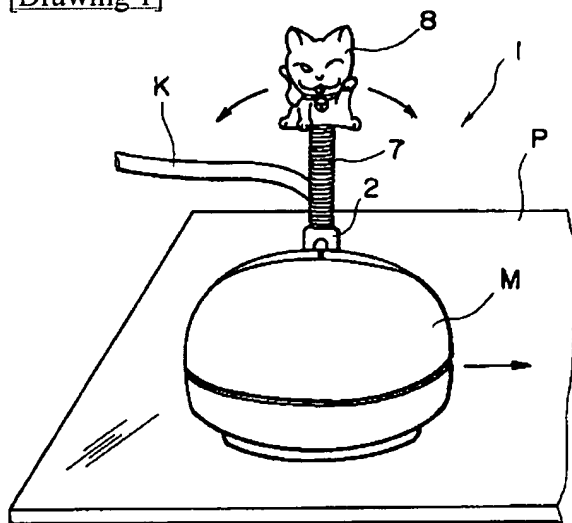
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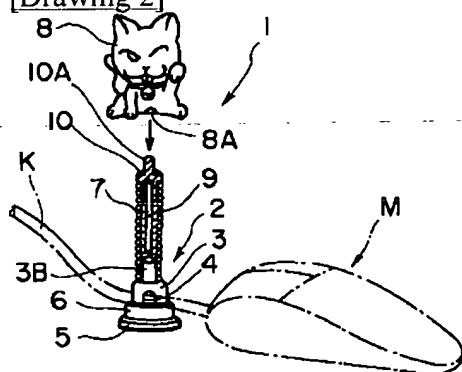
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3. In the drawings, any words are not translated.

DRAWINGS

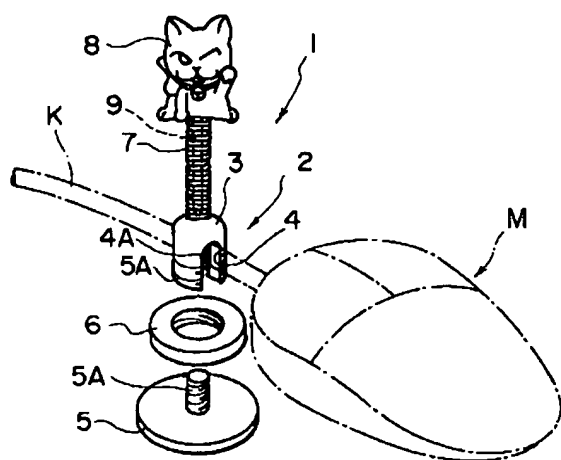
[Drawing 1]



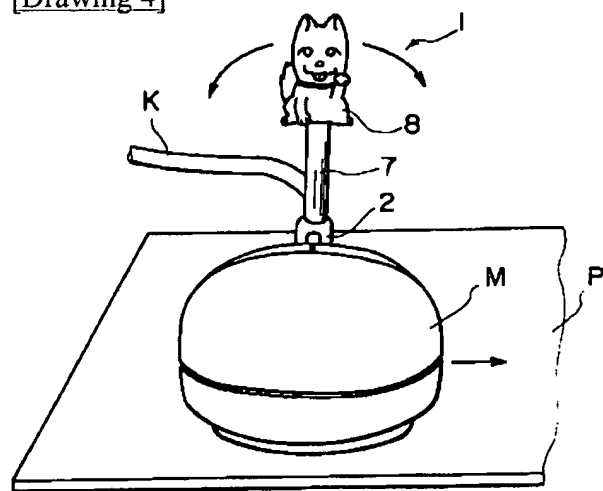
[Drawing 2]



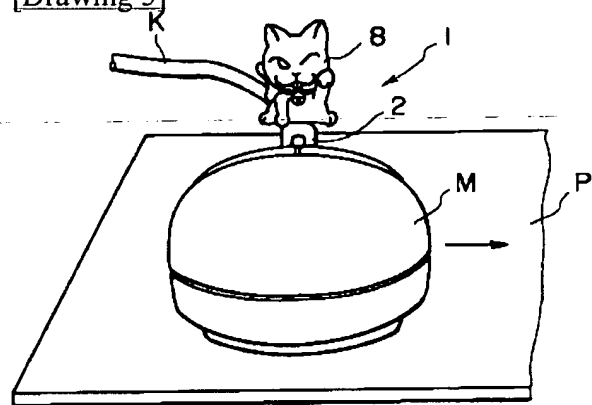
[Drawing 3]



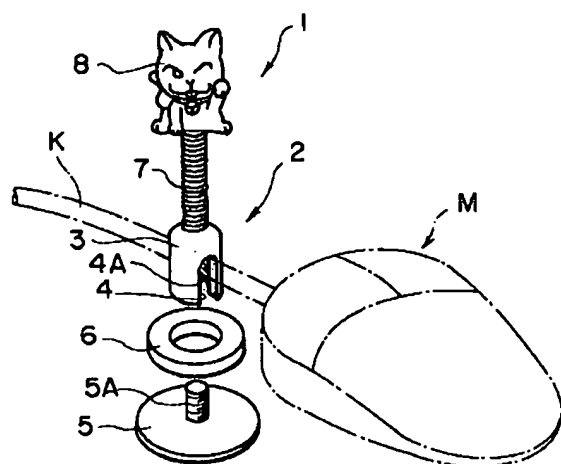
[Drawing 4]



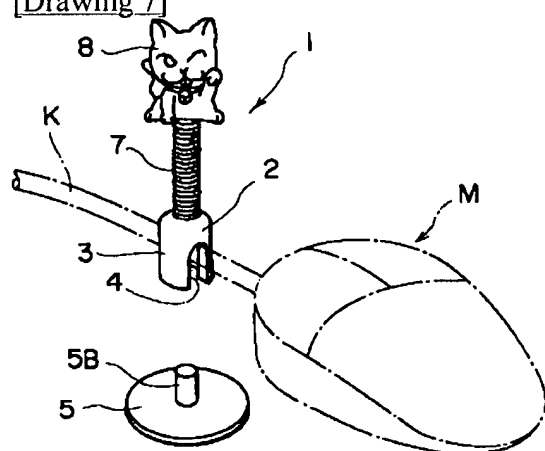
[Drawing 5]



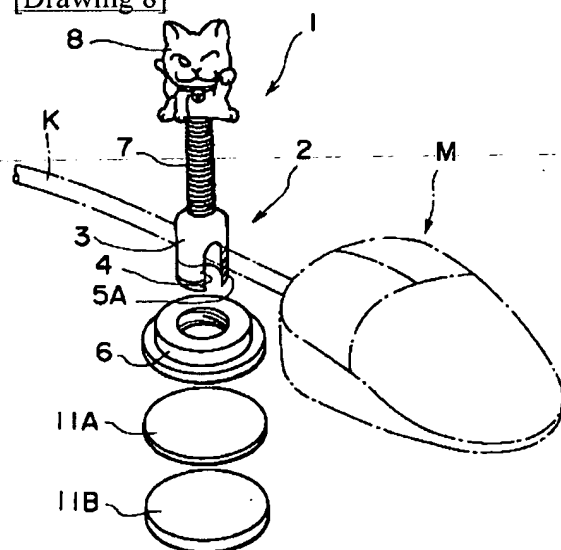
[Drawing 6]



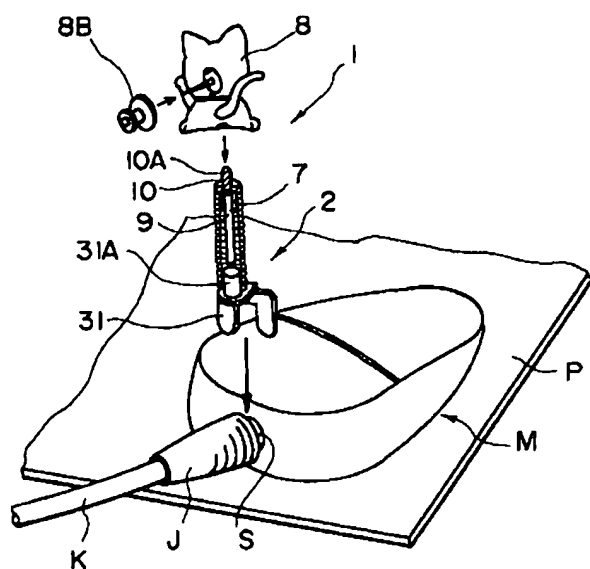
[Drawing 7]



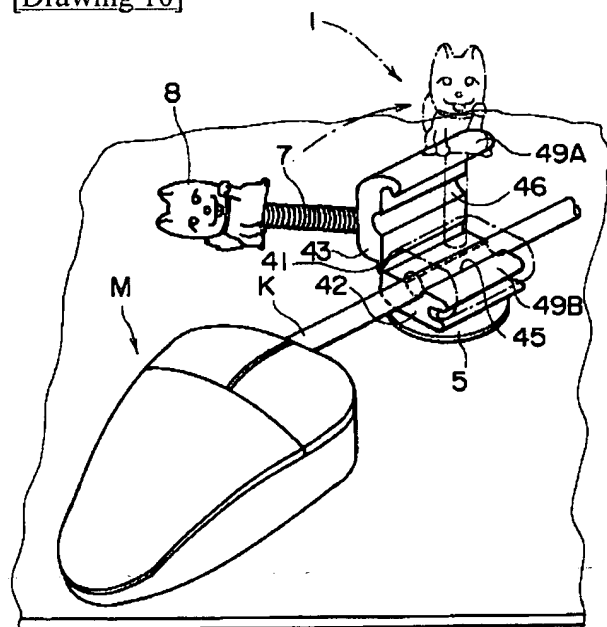
[Drawing 8]



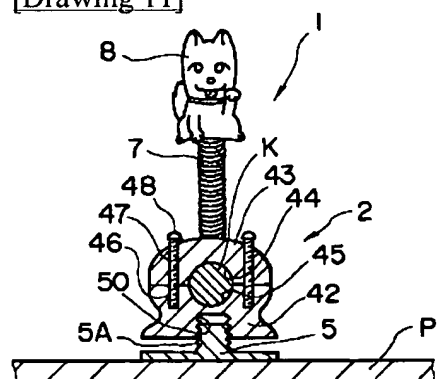
[Drawing 9]



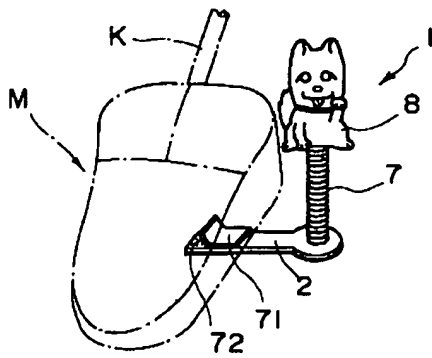
[Drawing 10]



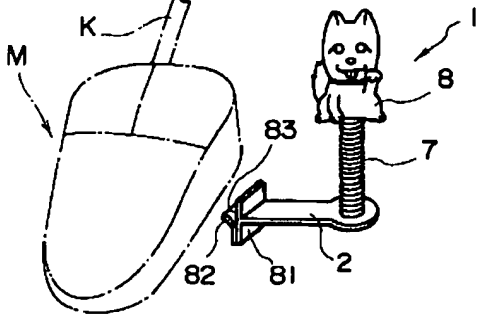
[Drawing 11]



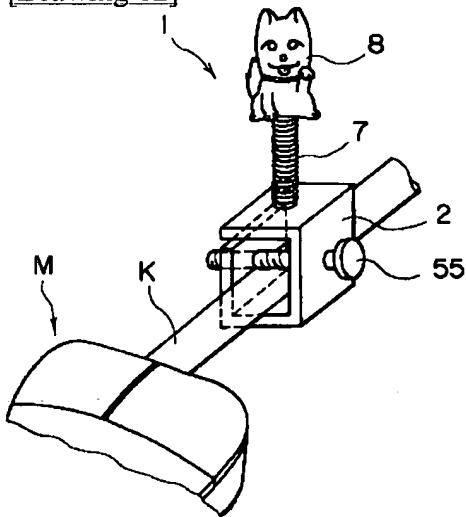
[Drawing 15]



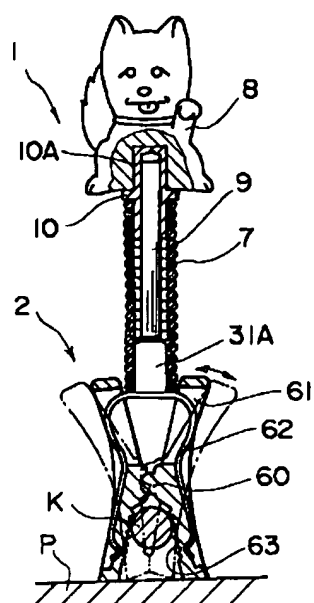
[Drawing 16]



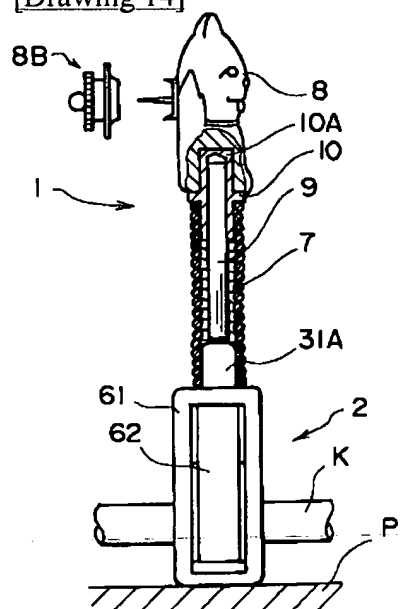
[Drawing 12]



[Drawing 13]



[Drawing 14]



[Translation done.]